

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Er ro r	Er ro r	De ro ni ti on
1	BRS	L1	163965 58 @pd<="20010112"	US-PGPUB; USPAT; USOCR; JPO	2006/06/28 10:28				
2	BRS	L2	53636 reproduc\$ near signal	US-PGPUB; USPAT; USOCR; JPO	2006/06/28 10:28				
3	BRS	L3	10767 detect\$4 near digital	US-PGPUB; USPAT; USOCR; JPO	2006/06/28 10:28				
4	BRS	L4	38761 equal\$7 near signal	US-PGPUB; USPAT; USOCR; JPO	2006/06/28 10:28				
5	BRS	L5	66 L1 and L2 and L3 and L4	USPAT	2006/06/28 10:28	Claim 1			

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1		US 6160673 A	20001212	23	Digital recording/reproduction apparatus including a digital equalizer circuit with open-loop control	360/46	360/65; 375/232; 708/323
2	X	US 6118606 A	20000912	25	Apparatus for generating a signal whose phase is synchronized with an inputted digital signal	360/51	360/65
3	X	US 5995168 A	19991130	11	Digital video receiver	348/725	348/507; 348/508; 348/720; 348/726; 375/261; 375/326
4	X	US 5887030 A	19990323	26	Data reproducing apparatus having equalization characteristics which can be controlled	375/229	333/28R; 360/65; 375/376
5	X	US 5872666 A	19990216	22	Decoder circuitry with PRML signal processing for reproducing apparatus	360/46	360/51
6	X	US 5809071 A	19980915	37	Signal processing apparatus	375/229	360/46; 360/65; 375/341; 714/786

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7	X	US 5751506 A	19980512	14	Digital information reproducing apparatus using partial response detection method including quadruple processing	360/51	375/290

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1	X	US 6160673 A	20001212	23	Digital recording/reproduction apparatus including a digital equalizer circuit with open-loop control	360/46	360/65; 375/232; 708/323
2		US 6134279 A	20001017	12	Peak detector using automatic threshold control and method therefor	375/341	327/58; 375/317; 375/377
3	X	US 6118606 A	20000912	25	Apparatus for generating a signal whose phase is synchronized with an inputted digital signal	360/51	360/65
4		US 6100724 A	20000808	13	Digital signal reproducing circuit	327/100	327/150; 327/159; 369/53.34 ; 375/371
5		US 6097560 A	20000801	19	Reproducing apparatus having clock generator controlled by detected phase-difference and tendency of phase-difference	360/51	327/159; 375/376
6		US 6085022 A	20000704	131	Digital VTR for recording special replay video data in track areas designated for digital video and digital audio	386/68	386/111; 386/81; 386/96
7		US 6028475 A	20000222	12	Method and apparatus for demodulating multi-level QAM signal	329/304	329/310; 375/324; 375/340

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	8	US 6005507 A	19991221	18	Data decoding apparatus	341/155	341/111
	9	X US 5995168 A	19991130	11	Digital video receiver	348/725	348/507; 348/508; 348/720; 348/726; 375/261; 375/326
	10	US 5986829 A	19991116	26	Digital recording and reproducing apparatus for high-speed copying of tape	360/15	360/64
	11	US 5982457 A	19991109	27	Radio receiver detecting digital and analog television radio-frequency signals with single first detector	348/725	348/554; 348/555; 348/558
	12	US 5978415 A	19991102	115	Automatic amplitude equalizer	375/230	375/232; 375/233; 375/235
	13	US 5960150 A	19990928	132	Digital VTR	386/68	386/111; 386/81
	14	US 5900911 A	19990504	20	Signal encoding method separating a quantized signal into a binary signal and a sign and intensity signal	375/240. 19	382/240
	15	X US 5887030 A	19990323	26	Data reproducing apparatus having equalization characteristics which can be controlled	375/229	333/28R; 360/65; 375/376

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		US 5881039 A	19990309	80	Signal processing device for an optical information reproducing apparatus	369/59.1 5	
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17	X	US 5872666 A	19990216	22	Decoder circuitry with PRML signal processing for reproducing apparatus	360/46	360/51
18		US 5867330 A	19990202	19	Reproducing apparatus detecting pilot signals by binary data processing	360/32 341/155; 360/73.12 ; 360/77.14	
19		US 5838875 A	19981117	13	Apparatus and method for discriminating between analog and digital video signals in high definition video cassette recorder	386/123 386/124	
20		US 5835544 A	19981110	34	Clock signal reproduction circuit and data reproduction circuit	375/376 331/1A; 331/14; 331/17	
21		US 5815334 A	19980929	8	Digital signal detector for correcting signals of a magnetic recording/reproducing device	360/53 360/41	
22	X	US 5809071 A	19980915	37	Signal processing apparatus	375/229 360/46; 360/65; 375/341; 714/786	

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23		US 5802123 A	19980901	33	Clock signal reproduction circuit and data reproduction circuit	375/376	327/147; 331/25; 375/373; 455/260
24		US 5784526 A	19980721	58	Multisystem signal processing apparatus having specific hierarchical coding	386/109	348/474; 375/240.1; 386/111; 386/112; 386/124
25		US 5777967 A	19980707	22	Optical disk device	369/59.2	
26		US 5774290 A	19980630	26	Reproducing apparatus for varying clock frequencies based upon azimuth angles of a plurality of heads	360/51	386/46
27	X	US 5751506 A	19980512	14	Digital information reproducing apparatus using partial response detection method including quadruple processing	360/51	375/290
28		US 5740141 A	19980414	65	Signal processing device for an optical information reproducing apparatus	369/59.1 5	369/124.0 5; 369/124.1 1; 369/124.1 4; 369/124.1 5

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29		US 5692009 A	19971125	9	Jitter measuring method and apparatus	375/226	324/76.77; 714/700
30		US 5684915 A	19971104	131	Digital VTR for recording special replay data with appended error correction codes	386/68	386/111; 386/124
31		US 5627694 A	19970506	103	Recording/reproducing apparatus for recording and reproducing multiple kinds of digital signals having different data amounts per unit time	360/51	360/48
32		US 5598302 A	19970128	12	Method and apparatus for detecting digital playback signals using phase equalization and waveform shaping of playback signals	360/65	360/46
33		US 5596559 A	19970121	17	Information reproducing apparatus for reproducing digital information by self-clock scheme	369/47.2 6	360/51; 360/65; 369/124.1 5; 369/59.19 386/85

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34	X	US 5587985 A	19951224	58	Signal processing device for an optical information reproducing apparatus	369/124.02	369/121; 369/124.0; 3; 369/44.25 ; 369/44.32 ; 369/44.34 ; 369/53.34
35	X	US 5561608 A	19951001	57	Multisystem adaptable type signal processing and recording/reproducing apparatus	345/645	375/240.24
36	X	US 5526429 A	19950611	14	Headphone apparatus having means for detecting gyration of user's head	385/25	381/74
37		US 5504759 A	19950402	27	Digital signal recording and/or reproducing apparatus using a common processing device for digital signals having different data configurations	714/755	360/48; 386/104; 386/116; 386/95
38	X	US 5452326 A	19950919	18	Digital PLL circuit with low power consumption	375/376	331/25; 360/51; 375/354; 375/371

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39	X	US 5406429 A	19950411	37	System for automatically adjusting parameters of a digital signal reproducing apparatus	360/65	360/32
40	X	US 5394249 A	19950228	57	Multisystem adaptable type signal processing and recording/reproducing apparatus	386/124	360/32; 375/240.0
41	X	US 5369667 A	19941129	13	Apparatus and method for automatically adjusting parameters of an automatic equalizer	375/230	375/232
42		US 5333082 A	19940726	28	Video signal recording/reproducing apparatus	386/61	360/13; 360/53; 360/69; 386/109
43	X	US 5313472 A	19940517	21	Bit detecting method and apparatus	714/747	714/709
44	X	US 5276517 A	19940104	13	Video equalizing circuit	348/678	360/65; 386/113; 386/93
45	X	US 5265125 A	19931123	11	Signal detection apparatus for detecting digital information from PCM signal	375/229	360/65; 375/290; 375/348
46	X	US 5166955 A	19921124	10	Signal detection apparatus for detecting digital information from a PCM signal	375/229	360/51; 360/65; 375/290; 375/293; 375/348; 375/376

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47	X	US 5164862 A	19921117	9	Automatic recording mode detecting apparatus for use in video tape reproducer	386/51	360/27
48	X	US 5130864 A	19920714	12	Digital recording and reproducing apparatus or digital recording apparatus	360/60	360/32
49	X	US 5099366 A	19920324	8	Low frequency restorer	360/67	360/46
50	X	US 5057947 A	19911015	13	Recording and reproducing apparatus with limited digital copying	360/60	360/27
51	X	US 5023620 A	19910611	30	Cross-polarization interference cancellation system capable of stably carrying out operation	342/362	375/349
52	X	US 4991035 A	19910205	19	Reproducing a recording from a rotary head type tape recorder with tracking control	360/70	360/73.05
53	X	US 4912471 A	19900327	36	Interrogator-responder communication system	340/10.34	340/10.51; 340/505; 340/935; 340/941; 342/44; 342/51; 455/41.1; 455/523

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54	X	US 4879731 A	19891107	14	Apparatus and method for sync detection in digital data	375/368	
55	X	US 4847871 A	19890711	11	Viterbi detector for digital signal	375/341	375/348; 714/795
56	X	US 4739419 A	19880419	8	Apparatus for eliminating midfield skew error by delaying the lower half field of a TM format video signal to be recorded on the second of two tracks	386/108	360/23; 386/123
57	X	US 4736238 A	19880405	35	Fully digitized video signal reproducing apparatus	348/498	348/505; 348/639; 348/715; 386/34
58	X	US 4679181 A	19870707	21	Method for detecting an error in loading a recording disc	369/44.2	250/201.1 ; 369/44.28 ; 369/47.45 ; 369/47.48
59	X	US 4611319 A	19860909	21	Disc drive control system	369/47.4 5	369/133; 369/189; 369/240; 369/47.48

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60	X	US 4590522 A	19860520	9	Apparatus for recording and reproducing a digital information signal with different sampling frequencies	386/14	360/32; 360/51
61	X	US 45755683 A	19860311	14	Apparatus and method for removing an offset signal	329/311	327/78; 375/317; 455/214
62	X	US 4562549 A	19851231	28	Digital player using a pulse width detector	702/79	327/100; 327/172; 327/31; 360/74.4; 386/124; 388/811; 388/912; 388/916
63	X	US 4543531 A	19850924	14	Digital data detecting apparatus	375/324	375/327; 375/340; 375/359; 375/376
64	X	US 4349832 A	19820914	222	Digital data rate corrector and time base corrector	348/500	375/365; 386/20
65	X	US 4268785 A	19810519	14	Transient overshoot, undershoot and delay compensation circuit in systems comprising reactive filter networks	318/620	318/608; 327/307; 327/311; 360/78.04

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66	X	US 4093965 A	19780606	12	Speed-switchable readback signal equalization and direct-current restoration	360/65	360/41